THE MINISTER OF STATE IN THE MINISTRY OF PLANNING (SHRI AJIT PANJA) : (a) No, Sir. The Seventh Five Year Plan 1985-90 has itself been formulated in the perspective of the next 15 years i.e. 1985-2000. In this connection, a reference is invited to chapter 2 of Volume I of the Seventh Plan Document, which has already been placed on the Table of the House on 4 December, 1985.

(b) and (c) Do not arise.

Launching of Indian made Satellites into space

2505. SHRI KALPNATH RAI : Will the Prime Minister be pleased to state :

(a) whether any programme has been drawn up for the next decade for launching an Indian made satellites,

(b) if so, what are the details thereof; and

(c) whether any space launching stations suitable for the purpose are being constructed in the country.

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI SHIVRAJ PATIL) : (a) and (b) Low earth orbiting and geostationary experimental stellites fabricated in India have been launched beginning from 1975 . While a tentative long term perspective for the period ending 2001 AD has been identified, a detailed programme, including operational satellites to be launched will be drawn up after necessary studies are completed. The programme for the next decade will include the consolidation and continuation of the various projects and programmes which are contained in the Space Profile for the current decade (1980-90), operationalisation of remote sensing applications, communication TV broadcasting, Polar stellite launch vehicles and Geostationary launch vehicles and introducation of the second generation satellites and launch systems. In addtion it will also contain new initiatives in terms of advanced systems. development of both space and ground based systems for intensive spread of education, etc.

(c) The country has already got a Launching Range at Sriharikota. Studies are going on on the question of additional satellite launching stations in the country.

Production of vital chemical for rocket fuel

2506. SHRI HARVENDRA SINGH HANSPAL : Will the PRIME MINISTER be pleased to state :

(a) whether it is a fact that a vital chemical for rocket fuel has been produced in the country for the first time ;

(b) whether it has been done by the public or private sector ;

(c) whether this fuel has so lon been imported ; and

(d) if so, the cost there of and the names of the countries from where it was being imported ?

THE MINISTER OF STATE IN THE MINISTRY OF SCEINCE AND TECHNOLOGY AND IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI SHIVRAJ PATIL) : (a) and (b) Yes, Sir, Most important vital chemical for Rocket Fuels are produced in the country. These have been primarily developed by the